



DEPARTMENT OF DEFENSE EXPLOSIVES SAFETY BOARD  
2461 EISENHOWER AVENUE  
ALEXANDRIA VIRGINIA A 22331-0600



17 SEP 2003

DDESB-KO

MEMORANDUM FOR MARINE CORPS SYSTEMS COMMAND  
(ATTN: PM-AM-ESS)

SUBJECT: Explosives Safety Submission (ESS), Munitions Response Action MILCON P-683  
Central Magazine Area, Marine Air Ground Task Force Training Center, Twenty-nine Palms, California

References: (a) MARCORSYSCOM letter, 25 July 2003, Subject as above with enclosure

(b) DoD 6055.9-STD, Department of Defense Ammunition and Explosives Safety Standards, dated July 1999

The subject explosives safety submission (ESS), forwarded by reference (a), has been reviewed with respect to the explosives safety criteria contained in reference (b). Based on the information furnished, approval is granted for MILCON project P-683, new central magazine area. This approval is based on the following:

a. Per reference (a), MILCON project P-683 is to be constructed within the Range Training Area of Marine Corps Air Ground Combat Center (Ranges 106 and 107). The real property involved in the construction effort will remain under Marine Corps Control. No property transfer is planned.

b. Planned unexploded ordnance (UXO) removal depth for MILCON project P-683 at Ranges 106 and 107 is 4 feet.


c. UXO disposal will be conducted on-site using blown-in-place (BIP) methods. No BIP will be conducted until all non-essential personnel are evacuated from within the explosives hazard zone. No off-site disposal will be conducted. Minimum separation distance for intentional detonations based on the munition with the greatest fragment distance will be 1,250 feet unless fragment mitigation measures are used.

d. All non-explosives scrap and residue material will be certified explosives free. Non-explosives related scrap may be recycled locally. Explosives contaminated scrap will be demilitarized and disposed using an approved explosives recycler.

e. The most probable munitions (MPM) expected are small arms, 60mm and 81mm mortar shells. If during the course of the remediation, a munition with a greater fragment range was to be found, the MPM will be amended and a revised ESS will be provided the DDESB for approval.

If, in the future, changes occur that could increase the level of risk associated with this decontamination, an updated ESS must be submitted to this office for review and approval.

Point of contact is Mr. Eric Alchowiak at commercial: (703) 325-1356; DSN: 221-1356; or E-mail: [Eric.Alchowiak@ddesb.osd.mil](mailto:Eric.Alchowiak@ddesb.osd.mil).

  
WILLIAM E. WRIGHT  
Captain, US Navy  
Chairman

Attachment  
As stated